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(54) OPTICAL INFORMATION RECORDING MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical information recording medium wherein recording linear velocity is heightened without altering the composition of a recording layer, the deterioration of the storage reliability of a recording mark can be prevented, the jitter when high velocity recording is performed is held low and repetitive rewriting characteristics can be highly held.

SOLUTION: The optical information recording medium having a transparent substrate, a lower dielectric protective layer, a phase transition type recording layer, an upper dielectric protective layer and a reflective heat radiation layer is characterized in that a melting and erasing type recording layer consisting of AgInSbTe system composition is adopted as the phase transition type recording layer and a protective layer consisting essentially of ZnO is adopted as the upper dielectric protective layer.

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